

Docket No. 23915-7316

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7155. The method of claim 50, wherein the implant is placed in a subject having myopia, and the implant has a curvature greater than the corneal curvature prior to introduction of the implant, to flatten a central curvature of the cornea.

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7254. The method of claim 50, wherein the implant is placed in a subject having hyperopia, and the implant has a curvature less than the corneal curvature prior to introduction of the implant, to steepen a central curvature of the cornea.

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7355. The method of claim 50, wherein introducing a stromal implant comprises inserting a plurality of implants into the cornea.

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7456. The method of claim 55, wherein inserting the plurality of implants comprises radially inserting the plurality of the implants substantially symmetrically about the cornea.

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7557. The method of claim 58, wherein inserting the plurality of the implants comprises radially inserting the plurality of radial implants asymmetrically about the cornea.

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7658. The method of claim 57, wherein the plurality of radial implants are introduced asymmetrically into the cornea of a subject having astigmatism.

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7759. The method of claim 50, further comprising inserting a plurality of the implants radially in the cornea to achieve a desired refractive correction.

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7860. The method of claim 55, further comprising selectively removing at least one of the implants after they have been introduced into the cornea.

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7961. The method of claim 51, wherein the implant is elongated, and the method further comprises making a radial tunnel in the cornea below the corneal epithelium, through the initial incision, prior to introducing the implant into the cornea.

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8062. The method of claim 50, wherein the implant is substantially linear in shape.

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8163. The method of claim 50, wherein the implant has a tapered leading end that facilitates introduction of the implant into the cornea, and the implant is introduced tapered end first into the cornea.

8264. A method of altering a curvature of a cornea to correct a refractive error in a subject, comprising:
providing an elongated implant, wherein the implant has a pre-selected curvature or shape, along its longitudinal axis, designed to offset a refractive error in a subject;
making an initial incision in a periphery of limbus of the cornea;
inserting the implant into a stroma of the cornea through the initial incision, without entering a central optical zone or disrupting the epithelium at other than the initial incision, wherein a greatest width of the implant substantially conforms to the dimensions of the initial incision as the implant is introduced along its longitudinal axis radially into the cornea.

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8365. The method of claim 51, further comprising injecting the implant into the corneal stroma.